SCORE Search Results Details for Application 10520296 and Search Result 20080731_165449_us-10-520-296-4.oligo.rai.

This page gives you Search Results detail for the Application 10520296 and Search Result 20080731_165449_us-10-520-296-4.oligo.rai.

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OM protein - protein search, using sw model

Run on:         July 31, 2008, 17:14:56 ; Search time 27 Seconds
                                          (without alignments)
                                          47.718 Million cell updates/sec

Title:          US-10-520-296-4
Perfect score:  7
Sequence:       1 ASSTDWS 7

Scoring table:  OLIGO
                Gapop 60.0 , Gapext 60.0

Searched:       1143754 seqs, 186252778 residues

Word size :     1

Total number of hits satisfying chosen parameters:      1093292

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Listing first 45 summaries

Database :       Issued_Patents_AA:*
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                4:  /ABSS/Data/CRF/ptodata/1/iaa/H_COMB.pep:*
                5:  /ABSS/Data/CRF/ptodata/1/iaa/PCTUS_COMB.pep:*
                6:  /ABSS/Data/CRF/ptodata/1/iaa/RE_COMB.pep:*
                7:  /ABSS/Data/CRF/ptodata/1/iaa/backfiles1.pep:*

      Pred. No. is the number of results predicted by chance to have a
      score greater than or equal to the score of the result being printed,
      and is derived by analysis of the total score distribution.

                                    SUMMARIES

                 %
Result           Query
   No.    Score  Match Length DB  ID                          Description
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     1        6   85.7    547  2  US-10-094-749-2617          Sequence 2617, Ap
     2        5   71.4     15  2  US-09-069-827A-96           Sequence 96, Appl
     3        5   71.4     39  2  US-08-630-915A-104          Sequence 104, App
     4        5   71.4     39  2  US-09-879-957-104           Sequence 104, App
     5        5   71.4     39  3  US-10-807-856-104           Sequence 104, App
     6        5   71.4     50  1  US-08-117-952-778           Sequence 778, App
     7        5   71.4     55  2  US-09-732-210-927           Sequence 927, App
     8        5   71.4     55  3  US-10-421-684B-927          Sequence 927, App
     9        5   71.4     73  3  US-10-703-032-150035        Sequence 150035,
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10	5	71.4	86	2	US-09-513-999C-5099	Sequence 5099, Ap
11	5	71.4	86	3	US-10-793-479-5099	Sequence 5099, Ap
12	5	71.4	92	3	US-10-703-032-125820	Sequence 125820,
13	5	71.4	96	2	US-09-583-110-3328	Sequence 3328, Ap
14	5	71.4	96	3	US-11-028-099A-3328	Sequence 3328, Ap
15	5	71.4	96	3	US-11-028-291A-3328	Sequence 3328, Ap
16	5	71.4	96	3	US-11-027-878A-3328	Sequence 3328, Ap
17	5	71.4	96	3	US-11-027-399-3328	Sequence 3328, Ap
18	5	71.4	96	3	US-11-027-877A-3328	Sequence 3328, Ap
19	5	71.4	96	3	US-11-027-891A-3328	Sequence 3328, Ap
20	5	71.4	96	3	US-11-028-457A-3328	Sequence 3328, Ap
21	5	71.4	96	3	US-11-027-843A-3328	Sequence 3328, Ap
22	5	71.4	96	3	US-11-027-802A-3328	Sequence 3328, Ap
23	5	71.4	96	3	US-11-027-879A-3328	Sequence 3328, Ap
24	5	71.4	96	3	US-11-028-149A-3328	Sequence 3328, Ap
25	5	71.4	96	3	US-11-028-169A-3328	Sequence 3328, Ap
26	5	71.4	96	3	US-11-028-204-3328	Sequence 3328, Ap
27	5	71.4	96	3	US-11-028-197A-3328	Sequence 3328, Ap
28	5	71.4	97	3	US-10-703-032-168809	Sequence 168809,
29	5	71.4	98	3	US-10-703-032-207947	Sequence 207947,
30	5	71.4	101	3	US-10-703-032-131919	Sequence 131919,
31	5	71.4	112	2	US-09-252-991A-26083	Sequence 26083, A
32	5	71.4	115	2	US-09-270-767-31768	Sequence 31768, A
33	5	71.4	115	2	US-09-270-767-46985	Sequence 46985, A
34	5	71.4	120	3	US-10-703-032-155705	Sequence 155705,
35	5	71.4	124	3	US-10-703-032-112189	Sequence 112189,
36	5	71.4	125	3	US-10-703-032-148609	Sequence 148609,
37	5	71.4	125	3	US-10-703-032-184066	Sequence 184066,
38	5	71.4	145	2	US-09-270-767-61915	Sequence 61915, A
39	5	71.4	146	2	US-09-270-767-37382	Sequence 37382, A
40	5	71.4	146	2	US-09-270-767-52599	Sequence 52599, A
41	5	71.4	149	3	US-10-703-032-134369	Sequence 134369,
42	5	71.4	158	2	US-09-543-681A-7445	Sequence 7445, Ap
43	5	71.4	166	3	US-10-703-032-107327	Sequence 107327,
44	5	71.4	168	2	US-09-602-777A-88	Sequence 88, Appl
45	5	71.4	173	3	US-10-703-032-188915	Sequence 188915,

ALIGNMENTS

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RESULT 1
US-10-094-749-2617
; Sequence 2617, Application US/10094749
; Patent No. 6979557
; GENERAL INFORMATION:
;  APPLICANT: ISOGAI, TAKAO
;  APPLICANT:  SUGIYAMA, TOMOYASU
;  APPLICANT:  OTSUKI, TETSUJI
;  APPLICANT:  WAKAMATSU, AI
;  APPLICANT:  SATO, HIROYUKI
;  APPLICANT:  ISHII, SHIZUKO
;  APPLICANT:  YAMAMOTO, JUN-ICHI
;  APPLICANT:  ISONO, YUUKO
;  APPLICANT:  HIO, YURI
;  APPLICANT:  OTSUKA, KAORU
;  APPLICANT:  NAGAI, KEIICHI
;  APPLICANT:  IRIE, RYOTARO
;  APPLICANT:  TAMECHIKA, ICHIRO
;  APPLICANT:  SEKI, NAOHIKO
;  APPLICANT:  YOSHIKAWA, TSUTOMU
;  APPLICANT:  OTSUKA, MOTOYUKI
;  APPLICANT:  NAGAHARI, KENJI
;  APPLICANT:  MASUHO, YASUHIKO
;  TITLE OF INVENTION: NOVEL FULL-LENGTH cDNA
;  FILE REFERENCE: 084335/0160
;  CURRENT APPLICATION NUMBER: US/10/094,749
;  CURRENT FILING DATE:  2002-03-12
;  PRIOR APPLICATION NUMBER: 60/350,435
;  PRIOR FILING DATE: 2002-01-24
;  PRIOR APPLICATION NUMBER: JP 2001-328381
;  PRIOR FILING DATE: 2001-09-14
;  NUMBER OF SEQ ID NOS: 3381
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2617
;   LENGTH: 547
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;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-10-094-749-2617

  Query Match             85.7%;  Score 6;  DB 2;  Length 547;
  Best Local Similarity   100.0%;  Pred. No. 52;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 ASSTDW 6
              ||||||
Db        375 ASSTDW 380


RESULT 2
US-09-069-827A-96
; Sequence 96, Application US/09069827A
; Patent No. 6617114
;   GENERAL INFORMATION:
;        APPLICANT: FOWLKES, Dana M
;                   KAY, Brian K
;                   FRELINGER, Jeffrey A
;                   HYDE-DERUYSCHER, Robin P
;        TITLE OF INVENTION: IDENTIFICATION OF DRUGS USING
;                            COMPLEMENTARY COMBINATORIAL LIBRARIES
;        NUMBER OF SEQUENCES: 178
;        CORRESPONDENCE ADDRESS:
;             ADDRESSEE: BROWDY AND NEIMARK, P.L.L.C.
;             STREET: 624 Ninth Street N.W., Suite 300
;             CITY: Washington
;             STATE: D.C.
;             COUNTRY: U.S.A.
;             ZIP: 20001
;        COMPUTER READABLE FORM:
;             MEDIUM TYPE: Floppy disk
;             COMPUTER: IBM PC compatible
;             OPERATING SYSTEM: PC-DOS/MS-DOS
;             SOFTWARE: PatentIn Release #1.0, Version #1.30
;        CURRENT APPLICATION DATA:
;             APPLICATION NUMBER: US/09/069,827A
;             FILING DATE: 30-Apr-1998
;             CLASSIFICATION: <Unknown>
;        PRIOR APPLICATION DATA:
;             APPLICATION NUMBER: US 09/050,359
;             FILING DATE: 31-MAR-1998
;             APPLICATION NUMBER: PCT/US97/19638
;             FILING DATE: 31-OCT-1997
;             APPLICATION NUMBER: US 08/740,671
;             FILING DATE: 31-OCT-1996
;        ATTORNEY/AGENT INFORMATION:
;             NAME: COOPER, Iver P
;             REGISTRATION NUMBER: 28,005
;             REFERENCE/DOCKET NUMBER: FOWLKES=4C
;        TELECOMMUNICATION INFORMATION:
;             TELEPHONE: (202) 628-5197
;             TELEFAX: (202) 737-3528
;   INFORMATION FOR SEQ ID NO: 96:
;        SEQUENCE CHARACTERISTICS:
;             LENGTH: 15 amino acids
;             TYPE: amino acid
;             STRANDEDNESS: single
;             TOPOLOGY: linear
;        MOLECULE TYPE: peptide
;        SEQUENCE DESCRIPTION: SEQ ID NO: 96:
US-09-069-827A-96

  Query Match             71.4%;  Score 5;  DB 2;  Length 15;
  Best Local Similarity   100.0%;  Pred. No. 23;
  Matches    5;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          2 SSTDW 6
              |||||
Db          2 SSTDW 6


RESULT 3
US-08-630-915A-104
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; Sequence 104, Application US/08630915A
; Patent No. 6309820
;  GENERAL INFORMATION:
;    APPLICANT:  SPARKS, Andrew B.
;    APPLICANT:  HOFFMAN, No. 6309820h
;    APPLICANT:  KAY, Brian K.
;    APPLICANT:  FOWLKES, Dana M.
;    APPLICANT:  McCONNELL, Stephen J.
;    TITLE OF INVENTION:  POLYPEPTIDES HAVING A FUNCTIONAL
;    TITLE OF INVENTION:  DOMAIN OF INTEREST AND METHODS OF IDENTIFYING AND
;    TITLE OF INVENTION:  USING SAME
;    NUMBER OF SEQUENCES:  227
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Pennie & Edmonds LLP
;      STREET:  1155 Avenue of the Americas
;      CITY:  New York
;      STATE:  New York
;      COUNTRY:  USA
;      ZIP:  10036-2711
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/630,915A
;      FILING DATE:  03-APR-1996
;      CLASSIFICATION:  536
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Misrock, S. Leslie
;      REGISTRATION NUMBER:  18,872
;      REFERENCE/DOCKET NUMBER:  1101-174
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (212) 790-9090
;      TELEFAX:  (212) 869-8864/9741
;      TELEX:  66141 PENNIE
;  INFORMATION FOR SEQ ID NO:  104:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  39 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:
;      TOPOLOGY:  unknown
;    MOLECULE TYPE:  peptide
US-08-630-915A-104

  Query Match             71.4%;  Score 5;  DB 2;  Length 39;
  Best Local Similarity   100.0%;  Pred. No. 58;
  Matches    5;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 ASSTD 5
              |||||
Db          8 ASSTD 12


RESULT 4
US-09-879-957-104
; Sequence 104, Application US/09879957
; Patent No. 6709821
;   GENERAL INFORMATION:
;        APPLICANT: SPARKS, Andrew B.
;                   HOFFMAN, No. 6709821h
;                   KAY, Brian K.
;                   FOWLKES, Dana M.
;                   McCONNELL, Stephen J.
;        TITLE OF INVENTION: POLYPEPTIDES HAVING A FUNCTIONAL
;                            DOMAIN OF INTEREST AND METHODS OF IDENTIFYING AND
;                            USING SAME
;        NUMBER OF SEQUENCES: 227
;        CORRESPONDENCE ADDRESS:
;             ADDRESSEE: Pennie & Edmonds LLP
;             STREET: 1155 Avenue of the Americas
;             CITY: New York
;             STATE: New York
;             COUNTRY: USA
;             ZIP: 10036-2711
;        COMPUTER READABLE FORM:
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;             MEDIUM TYPE: Floppy disk
;             COMPUTER: IBM PC compatible
;             OPERATING SYSTEM: PC-DOS/MS-DOS
;             SOFTWARE: PatentIn Release #1.0, Version #1.30
;        CURRENT APPLICATION DATA:
;             APPLICATION NUMBER: US/09/879,957
;             FILING DATE: 13-Jun-2001
;             CLASSIFICATION: <Unknown>
;        PRIOR APPLICATION DATA:
;             APPLICATION NUMBER: US 08/630,915
;             FILING DATE: 03-APR-1996
;        ATTORNEY/AGENT INFORMATION:
;             NAME: Misrock, S. Leslie
;             REGISTRATION NUMBER: 18,872
;             REFERENCE/DOCKET NUMBER: 1101-174
;        TELECOMMUNICATION INFORMATION:
;             TELEPHONE: (212) 790-9090
;             TELEFAX: (212) 869-8864/9741
;             TELEX: 66141 PENNIE
;   INFORMATION FOR SEQ ID NO: 104:
;        SEQUENCE CHARACTERISTICS:
;             LENGTH: 39 amino acids
;             TYPE: amino acid
;             STRANDEDNESS: <Unknown>
;             TOPOLOGY: unknown
;        MOLECULE TYPE: peptide
;        SEQUENCE DESCRIPTION: SEQ ID NO: 104:
US-09-879-957-104

  Query Match             71.4%;  Score 5;  DB 2;  Length 39;
  Best Local Similarity   100.0%;  Pred. No. 58;
  Matches    5;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 ASSTD 5
              |||||
Db          8 ASSTD 12


RESULT 5
US-10-807-856-104
; Sequence 104, Application US/10807856
; Patent No. 7223547
;   GENERAL INFORMATION:
;        APPLICANT: SPARKS, Andrew B.
;                   HOFFMAN, No. 7223547h
;                   KAY, Brian K.
;                   FOWLKES, Dana M.
;                   McCONNELL, Stephen J.
;        TITLE OF INVENTION: POLYPEPTIDES HAVING A FUNCTIONAL
;                            DOMAIN OF INTEREST AND METHODS OF IDENTIFYING AND
;                            USING SAME
;        NUMBER OF SEQUENCES: 227
;        CORRESPONDENCE ADDRESS:
;             ADDRESSEE: Pennie & Edmonds LLP
;             STREET: 1155 Avenue of the Americas
;             CITY: New York
;             STATE: New York
;             COUNTRY: USA
;             ZIP: 10036-2711
;        COMPUTER READABLE FORM:
;             MEDIUM TYPE: Floppy disk
;             COMPUTER: IBM PC compatible
;             OPERATING SYSTEM: PC-DOS/MS-DOS
;             SOFTWARE: PatentIn Release #1.0, Version #1.30
;        CURRENT APPLICATION DATA:
;             APPLICATION NUMBER: US/10/807,856
;             FILING DATE: 23-Mar-2004
;             CLASSIFICATION: 536
;        PRIOR APPLICATION DATA:
;             APPLICATION NUMBER: US/08/630,915
;             FILING DATE: 03-APR-1996
;        ATTORNEY/AGENT INFORMATION:
;             NAME: Misrock, S. Leslie
;             REGISTRATION NUMBER: 18,872
;             REFERENCE/DOCKET NUMBER: 1101-174
;        TELECOMMUNICATION INFORMATION:
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;             TELEPHONE: (212) 790-9090
;             TELEFAX: (212) 869-8864/9741
;             TELEX: 66141 PENNIE
;   INFORMATION FOR SEQ ID NO: 104:
;        SEQUENCE CHARACTERISTICS:
;             LENGTH: 39 amino acids
;             TYPE: amino acid
;             STRANDEDNESS: <Unknown>
;             TOPOLOGY: unknown
;        MOLECULE TYPE: peptide
;        SEQUENCE DESCRIPTION: SEQ ID NO: 104:
US-10-807-856-104

  Query Match             71.4%;  Score 5;  DB 3;  Length 39;
  Best Local Similarity   100.0%;  Pred. No. 58;
  Matches    5;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 ASSTD 5
              |||||
Db          8 ASSTD 12


RESULT 6
US-08-117-952-778
; Sequence 778, Application US/08117952
; Patent No. 5851760
;  GENERAL INFORMATION:
;    APPLICANT:  Evans, Glen A.
;    APPLICANT:  Smith, Michael W.
;    TITLE OF INVENTION:  METHOD FOR GENERATION OF SEQUENCE
;    TITLE OF INVENTION:  SAMPLED MAPS OF COMPLEX GENOMES
;    NUMBER OF SEQUENCES:  797
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Pretty, Schroeder, Brueggemann & Clark
;      STREET:  444 South Flower Street, Suite 2000
;      CITY:  Los Angeles
;      STATE:  CA
;      COUNTRY:  USA
;      ZIP:  90071
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/117,952
;      FILING DATE:  07-SEP-1993
;      CLASSIFICATION:  435
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 08/078,471
;      FILING DATE:  15-JUN-1993
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Reiter, Stephen E.
;      REGISTRATION NUMBER:  31,192
;      REFERENCE/DOCKET NUMBER:  P41 9423
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  619-546-4737
;      TELEFAX:  619-546-9392
;  INFORMATION FOR SEQ ID NO:  778:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  50 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  unknown
;    MOLECULE TYPE:  protein
;    FRAGMENT TYPE:  internal
US-08-117-952-778

  Query Match             71.4%;  Score 5;  DB 1;  Length 50;
  Best Local Similarity   100.0%;  Pred. No. 74;
  Matches    5;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 ASSTD 5
              |||||
Db         35 ASSTD 39
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RESULT 7
US-09-732-210-927
; Sequence 927, Application US/09732210
; Patent No. 6573361
; GENERAL INFORMATION:
;  APPLICANT: Bunkers, Greg J.
;  APPLICANT:  Liang, Jihong
;  APPLICANT:  Mittanck, Cindy A.
;  APPLICANT:  Seale, Jeffrey W.
;  APPLICANT:  Wu, Yonnie S.
;  TITLE OF INVENTION: Anti-fungal Proteins and Methods for Their Use
;  FILE REFERENCE: 38-21(15036)B
;  CURRENT APPLICATION NUMBER: US/09/732,210
;  CURRENT FILING DATE:  2000-12-07
;  PRIOR APPLICATION NUMBER: US 60/169,513
;  PRIOR FILING DATE: 1999-12-07
;  PRIOR APPLICATION NUMBER: US 60/169,340
;  PRIOR FILING DATE: 1999-12-07
;  NUMBER OF SEQ ID NOS: 1753
; SEQ ID NO 927
;   LENGTH: 55
;   TYPE: PRT
;   ORGANISM: Mycobacterium tuberculosis
US-09-732-210-927

  Query Match             71.4%;  Score 5;  DB 2;  Length 55;
  Best Local Similarity   100.0%;  Pred. No. 81;
  Matches    5;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 ASSTD 5
              |||||
Db          2 ASSTD 6


RESULT 8
US-10-421-684B-927
; Sequence 927, Application US/10421684B
; Patent No. 7332596
; GENERAL INFORMATION:
;  APPLICANT: Bunkers, Greg J.
;  APPLICANT:  Liang, Jihong
;  APPLICANT:  Mittanck, Cindy A.
;  APPLICANT:  Seale, Jeffrey W.
;  APPLICANT:  Wu, Yonnie S.
;  TITLE OF INVENTION: Anti-fungal Proteins and Methods for Their Use
;  FILE REFERENCE: 38-21(15036)C
;  CURRENT APPLICATION NUMBER: US/10/421,684B
;  CURRENT FILING DATE:  2003-04-23
;  PRIOR APPLICATION NUMBER: US 09/732,210
;  PRIOR FILING DATE: 2000-12-07
;  PRIOR APPLICATION NUMBER: US 60/169,513
;  PRIOR FILING DATE: 1999-12-07
;  PRIOR APPLICATION NUMBER: US 60/169,340
;  PRIOR FILING DATE: 1999-12-07
;  NUMBER OF SEQ ID NOS: 1754
;  SOFTWARE: PatentIn v 3.3
; SEQ ID NO 927
;   LENGTH: 55
;   TYPE: PRT
;   ORGANISM: Mycobacterium tuberculosis
US-10-421-684B-927

  Query Match             71.4%;  Score 5;  DB 3;  Length 55;
  Best Local Similarity   100.0%;  Pred. No. 81;
  Matches    5;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 ASSTD 5
              |||||
Db          2 ASSTD 6


RESULT 9
US-10-703-032-150035
; Sequence 150035, Application US/10703032
; Patent No. 7214786
; GENERAL INFORMATION:
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;  APPLICANT: Kovalic, David K.
;  APPLICANT:  Andersen, Scott E.
;  APPLICANT:  Byrum, Joseph R.
;  APPLICANT:  Conner, Timothy W.
;  APPLICANT:  Cao, Yongwei
;  APPLICANT:  Masucci, James D.
;  APPLICANT:  Zhou, Yihua
;  TITLE OF INVENTION: Nucleic Acid Molecules And Other Molecules Associated With
;  TITLE OF INVENTION:  Plants
;  FILE REFERENCE: 38-21(53374)B
;  CURRENT APPLICATION NUMBER: US/10/703,032
;  CURRENT FILING DATE:  2003-11-06
;  PRIOR APPLICATION NUMBER: 10/020,338
;  PRIOR FILING DATE: 2001-12-12
;  NUMBER OF SEQ ID NOS: 211164
; SEQ ID NO 150035
;   LENGTH: 73
;   TYPE: PRT
;   ORGANISM: Triticum aestivum
;   FEATURE:
;   NAME/KEY: unsure
;   LOCATION: (1)..(73)
;   OTHER INFORMATION: unsure at all Xaa locations
;   FEATURE:
;   OTHER INFORMATION: Clone ID: PAT_TA_44453.pep
US-10-703-032-150035

  Query Match             71.4%;  Score 5;  DB 3;  Length 73;
  Best Local Similarity   100.0%;  Pred. No. 1.1e+02;
  Matches    5;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 ASSTD 5
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Db         11 ASSTD 15


RESULT 10
US-09-513-999C-5099
; Sequence 5099, Application US/09513999C
; Patent No. 6783961
; GENERAL INFORMATION:
;  APPLICANT: Dumas Milne Edwards, J.B.
;  APPLICANT:  Duclert, A.
;  APPLICANT:  Giordano, J.Y.
;  TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; Patent No. 6783961
;  FILE REFERENCE: 59.US2.REG
;  CURRENT APPLICATION NUMBER: US/09/513,999C
;  CURRENT FILING DATE:  2000-02-24
;  PRIOR APPLICATION NUMBER: US 60/122,487
;  PRIOR FILING DATE: 1999-02-26
;  NUMBER OF SEQ ID NOS: 36681
;  SOFTWARE: Patent.pm
; SEQ ID NO 5099
;   LENGTH: 86
;   TYPE: PRT
;   ORGANISM: Homo sapiens
;   FEATURE:
;   NAME/KEY: UNSURE
;   LOCATION: 64
;   OTHER INFORMATION: Xaa=Ala or Asp or Glu or Gly or Ile or Lys or Met or Asn or Arg or Ser or Thr or Val
US-09-513-999C-5099

  Query Match             71.4%;  Score 5;  DB 2;  Length 86;
  Best Local Similarity   100.0%;  Pred. No. 1.2e+02;
  Matches    5;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          3 STDWS 7
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Db         10 STDWS 14


RESULT 11
US-10-793-479-5099
; Sequence 5099, Application US/10793479
; Patent No. 7115416
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; GENERAL INFORMATION:
;  APPLICANT: Dumas Milne Edwards, J.B.
;  APPLICANT:  Duclert, A.
;  APPLICANT:  Giordano, J.Y.
;  TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; Patent No. 7115416
;  FILE REFERENCE: 59.US2.REG
;  CURRENT APPLICATION NUMBER: US/10/793,479
;  CURRENT FILING DATE:  2004-03-03
;  PRIOR APPLICATION NUMBER: US/09/513,999
;  PRIOR FILING DATE: 2000-02-24
;  PRIOR APPLICATION NUMBER: US 60/122,487
;  PRIOR FILING DATE: 1999-02-26
;  NUMBER OF SEQ ID NOS: 36681
;  SOFTWARE: Patent.pm
; SEQ ID NO 5099
;   LENGTH: 86
;   TYPE: PRT
;   ORGANISM: Homo sapiens
;   FEATURE:
;   NAME/KEY: UNSURE
;   LOCATION: 64
;   OTHER INFORMATION: Xaa=Ala or Asp or Glu or Gly or Ile or Lys or Met or Asn or Arg or Ser or Thr or Val
US-10-793-479-5099

  Query Match             71.4%;  Score 5;  DB 3;  Length 86;
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  Matches    5;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          3 STDWS 7
              |||||
Db         10 STDWS 14


RESULT 12
US-10-703-032-125820
; Sequence 125820, Application US/10703032
; Patent No. 7214786
; GENERAL INFORMATION:
;  APPLICANT: Kovalic, David K.
;  APPLICANT:  Andersen, Scott E.
;  APPLICANT:  Byrum, Joseph R.
;  APPLICANT:  Conner, Timothy W.
;  APPLICANT:  Cao, Yongwei
;  APPLICANT:  Masucci, James D.
;  APPLICANT:  Zhou, Yihua
;  TITLE OF INVENTION: Nucleic Acid Molecules And Other Molecules Associated With
;  TITLE OF INVENTION:  Plants
;  FILE REFERENCE: 38-21(53374)B
;  CURRENT APPLICATION NUMBER: US/10/703,032
;  CURRENT FILING DATE:  2003-11-06
;  PRIOR APPLICATION NUMBER: 10/020,338
;  PRIOR FILING DATE: 2001-12-12
;  NUMBER OF SEQ ID NOS: 211164
; SEQ ID NO 125820
;   LENGTH: 92
;   TYPE: PRT
;   ORGANISM: Triticum aestivum
;   FEATURE:
;   NAME/KEY: unsure
;   LOCATION: (1)..(92)
;   OTHER INFORMATION: unsure at all Xaa locations
;   FEATURE:
;   OTHER INFORMATION: Clone ID: PAT_TA_20238.pep
US-10-703-032-125820

  Query Match             71.4%;  Score 5;  DB 3;  Length 92;
  Best Local Similarity   100.0%;  Pred. No. 1.3e+02;
  Matches    5;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 ASSTD 5
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Db          8 ASSTD 12


RESULT 13
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US-09-583-110-3328
; Sequence 3328, Application US/09583110
; Patent No. 6699703
; GENERAL INFORMATION:
;  APPLICANT:  Lynn Doucette-Stamm et al.
;  TITLE OF INVENTION:  Nucleic Acid and Amino Acid Sequences Relating to Streptococcus
;  TITLE OF INVENTION:  Pneumoniae for Diagnostics and Therapeutics
;  FILE REFERENCE:  PATH00-07A
;  CURRENT APPLICATION NUMBER: US/09/583,110
;  CURRENT FILING DATE:  2000-05-26
;  PRIOR APPLICATION NUMBER:  US 09/107,433
;  PRIOR FILING DATE:  1998-06-30
;  PRIOR APPLICATION NUMBER:  US 60/085,131
;  PRIOR FILING DATE:  1998-05-12
;  PRIOR APPLICATION NUMBER:  US 60/051,553
;  PRIOR FILING DATE:  1997-07-02
;  NUMBER OF SEQ ID NOS:  5322
; SEQ ID NO 3328
;   LENGTH: 96
;   TYPE: PRT
;   ORGANISM: Streptococcus pneumoniae
US-09-583-110-3328

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Qy          1 ASSTD 5
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Db         12 ASSTD 16


RESULT 14
US-11-028-099A-3328
; Sequence 3328, Application US/11028099A
; Patent No. 7074914
; GENERAL INFORMATION:
;  APPLICANT: Doucette-Stamm, Lynn
;  APPLICANT:  Bush, David
;  APPLICANT:  Zeng, Qiandong
;  APPLICANT:  Opperman, Timothy
;  APPLICANT:  Houseweart, Chad Eric
;  TITLE OF INVENTION: Nucleic Acid and Amino Acid Sequences Relating to Streptococcus
;  TITLE OF INVENTION:  Pneumoniae for Diagnostics and Therapeutics
;  FILE REFERENCE: 3687.1000-019
;  CURRENT APPLICATION NUMBER: US/11/028,099A
;  CURRENT FILING DATE:  2004-12-30
;  PRIOR APPLICATION NUMBER: US 10/640,833
;  PRIOR FILING DATE: 2003-08-14
;  PRIOR APPLICATION NUMBER: US 09/583,110
;  PRIOR FILING DATE: 2000-05-26
;  PRIOR APPLICATION NUMBER: US 09/107,433
;  PRIOR FILING DATE: 1998-06-30
;  PRIOR APPLICATION NUMBER: US 60/085,131
;  PRIOR FILING DATE: 1998-05-12
;  PRIOR APPLICATION NUMBER: US 60/051,553
;  PRIOR FILING DATE: 1997-07-02
;  NUMBER OF SEQ ID NOS: 5324
; SEQ ID NO 3328
;   LENGTH: 96
;   TYPE: PRT
;   ORGANISM: Streptococcus pneumoniae
US-11-028-099A-3328

  Query Match             71.4%;  Score 5;  DB 3;  Length 96;
  Best Local Similarity   100.0%;  Pred. No. 1.4e+02;
  Matches    5;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 ASSTD 5
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Db         12 ASSTD 16


RESULT 15
US-11-028-291A-3328
; Sequence 3328, Application US/11028291A
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; Patent No. 7081530
; GENERAL INFORMATION:
;  APPLICANT: Doucette-Stamm, Lynn
;  APPLICANT:  Bush, David
;  APPLICANT:  Zeng, Qiandong
;  APPLICANT:  Opperman, Timothy
;  APPLICANT:  Houseweart, Chad Eric
;  TITLE OF INVENTION: Nucleic Acid and Amino Acid Sequences Relating to Streptococcus
;  TITLE OF INVENTION:  Pneumoniae for Diagnostics and Therapeutics
;  FILE REFERENCE: 3687.1000-014
;  CURRENT APPLICATION NUMBER: US/11/028,291A
;  CURRENT FILING DATE:  2004-12-30
;  PRIOR APPLICATION NUMBER: US 10/640,833
;  PRIOR FILING DATE: 2003-08-14
;  PRIOR APPLICATION NUMBER: US 09/583,110
;  PRIOR FILING DATE: 2000-05-26
;  PRIOR APPLICATION NUMBER: US 09/107,433
;  PRIOR FILING DATE: 1998-06-30
;  PRIOR APPLICATION NUMBER: US 60/085,131
;  PRIOR FILING DATE: 1998-05-12
;  PRIOR APPLICATION NUMBER: US 60/051,553
;  PRIOR FILING DATE: 1997-07-02
;  NUMBER OF SEQ ID NOS: 5324
; SEQ ID NO 3328
;   LENGTH: 96
;   TYPE: PRT
;   ORGANISM: Streptococcus pneumoniae
US-11-028-291A-3328

  Query Match             71.4%;  Score 5;  DB 3;  Length 96;
  Best Local Similarity   100.0%;  Pred. No. 1.4e+02;
  Matches    5;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 ASSTD 5
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Db         12 ASSTD 16


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